Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-16.   (canceled)

Claim 17.   (currently amended) A method for real-time transmission of compressed data, the method comprising ~~the steps of~~:

receiving both useful data and filling data as a data stream with a fixed data rate via a circuit-switched connection of a first communications network, wherein said data stream includes said compressed data;

removing the filling data contained in the data stream with the constant data rate;

processing the remaining useful data, contained in the data stream with the constant data rate, into a format compatible with a data stream with a variable data rate via a packet-oriented connection by embedding the useful data into the transmission format of the packet-oriented connection, wherein said variable data rate corresponds to a variable transmission bandwidth available for the subscriber connection; and

transmitting the processed data stream with a variable data rate via a packet-oriented connection of a second communications network, wherein the packet-oriented connection comprises one of General Packet Radio Service (GPRS) cells, and Asynchronous Transfer Mode (ATM) cells, communicating quality data for identifying transmission quality of the packet-oriented connection to the second communications network.

Claim 18.   (previously presented) A method for real-time transmission of compressed data as claimed in claim 17, wherein the useful data comprises compressed video data.

Claim 19.   (canceled)

Claim 20.   (currently amended)   A method for real-time transmission of compressed data as claimed in claim [[19]]17, the method further comprising ~~the step of~~:

determining as the quality data at least one of an average data rate and a maximum data rate for the data stream with the variable data rate.

Claim 21.   (currently amended)   A method for real-time transmission of compressed data as claimed in claim [[19]]17, the method further comprising ~~the step of~~:

using a quality factor of a transmission channel used for the data stream with the variable data rate for identifying the transmission quality.

Claims 22-25. (canceled).